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Patent  
Attorney's Docket No. 003300-650

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )

Eva Ingegerd Ejerhed and Peter A. Brar ) Group Art Unit: 2741

Application No.: 09/599,563 ) Examiner: Unassigned

Filed: June 23, 2000 )

For: METHOD AND SYSTEM FOR )  
INFORMATION EXTRACTION )



**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56,  
Applicants hereby submit information in conformance with 37 C.F.R. §§1.97 and 1.98.  
Copies of the following are provided:

- (1) AltaVista Search Developer's Kit 97, December 1997, [This document is a compilation of the HTML files available with the installed software,] Maynard, Massachusetts, pp. 1-43 plus A1 to A7.
- (2) Braden-Harder, L. et al, Aug. 3, 1999, U.S. Patent No. 5,933,822, APPARATUS AND METHOD FOR AN INFORMATION RETRIEVAL SYSTEM THAT EMPLOYS NATURAL LANGUAGE PROCESSING OF SEARCH RESULTS TO IMPROVE OVERALL PRECISION.
- (3) Cunningham, H. et al, 1997, Software infrastructure for Natural Language Processing, in Proceedings of *Fifth Conference on Applied Natural Language Processing* (31 March - 3 April 1997, Washington, DC, USA), Association for Computational Linguistics, pp. 237-244.
- (4) Dahlgren, K. & Stabler, E., Aug. 11, 1998, U.S. Patent No. 5,794,050, NATURAL LANGUAGE UNDERSTANDING SYSTEM.

- (5) Grishman, R. & the TIPSTER Phase III Contractors, 1998, *TIPSTER Text Architecture Design*, Version 3, 17 October 1998, New York University, pp. 1-62.
- (6) Katz, B. & Winston, P.H., May 3, 1994, U.S. Patent No. 5,309,359, METHOD AND APPARATUS FOR GENERATING AND UTILIZING ANNOTATIONS TO FACILITATE COMPUTER TEXT RETRIEVAL.
- (7) Kupiec, J., Dec. 9, 1997, U.S. Patent No. 5,696,962, METHOD FOR COMPUTERIZED INFORMATION RETRIEVAL USING SHALLOW LINGUISTIC ANALYSIS.
- (8) Kupiec, J. M., U.S. Patent No. 5,519,608, METHOD FOR EXTRACTING FROM A TEXT CORPUS ANSWERS TO QUESTIONS STATED IN NATURAL LANGUAGE BY USING LINGUISTIC ANALYSIS AND HYPOTHESIS GENERATION, [the MURAX system].
- (9) Liddy, E., Li Ming, Paik Woojin, & McKenna, Mary, Oct. 5, 1999, U.S. Patent No. 5,963,940, NATURAL LANGUAGE INFORMATION RETRIEVAL SYSTEM AND METHOD.
- (10) McKelvie, D., Brew, C. & Thompson, H., 1997, Using SGML as a basis for a data-intensive NLP, in *Proceedings of Fifth Conference on Applied Natural Language Processing* (31 March - 3 April 1997, Washington, DC, USA), Association for Computational Linguistics, pp. 229-236.
- (11) Wilks, Y. & Gaizauskas, R., 1999, LaSIE jumps the GATE, in T. Strzalkowski (ed.), *Natural Language Information Retrieval*, Kluwer Academic Publishers, the Netherlands, pp. 197-214.
- (12) Zajac, R., Casper, M. & Sharples, N., 1997, An open distributed architecture for reuse and integration of heterogeneous NLP components, in *Proceedings of Fifth Conference on Applied Natural Language Processing* (31 March - 3 April 1997, Washington, DC, USA), Association for Computational Linguistics, pp. 245-252.

For the convenience of the Examiner a form PTO-1449 is attached. Once these items are considered, it is requested that an Examiner initialed copy of this form be returned to the undersigned.

The examination and allowance of the application are respectfully requested.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By: Benton S. Duffett Jr.  
Benton S. Duffett, Jr.  
Registration No. 22,030

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

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